Ann	ual Examination 2014-15	N	ATH		y devalud Boo
2.6.4	1: Choose the correct	Sect e Charicle answer for 4), then Ra	each from	no (MC)	2's) option
(i) (a) (ii)	If $R = \{(1,2), (2,3), (3,4), (4,5), (5,4), (6,5), (6,5), (7,4), (1,2),$	(2,3,4)(c)	{1,2,3,4}	(d)	None of these
(II)	9	(b)	(c) 10		(d) 5
	am =				
(iii)	.m+n	amon (am-n	(3)	2 m
(a) (iv)	The degree of the pol	vnomial x2 +	<u></u>	(d)	
(a)	2 (b)	3 (c)	4	(d)	1
	$\sqrt{3} + 2$	is			
	Order of 5 + 7				
(v)	L]			en.	N C. I
(a)	2 x 2 (b)	1 x 2 (c)	2 x 1	(d)	None of these
(vi)	(x-6)(x-4) =	(b)	$x^2 + 10x$	- 24	
(a) (c)	$x^2 + 10x - 24$	(d)	$x^2 - 10x$		
(e)	F 7	(a)	n IVA		
	If $A = \begin{bmatrix} 6 & 4 \\ 2 & 2 \end{bmatrix}$, then	A =			
(vil)	(-) 0	(b) 2	(c) 4		(d) 6
(viii)	(a) 0 $ax^2 + bx + c = 0$, will (a) $a \neq 0$, $b = 0$ and	remain qua	dratic equa	ation, if $\underline{}$ = 0, b \neq 0	
	(c) $A \neq 0$ and $c = 0$			oth (a) and (-/1111
(ix)	The L.C.M of x3 - y2			166	
family		1.40		1	
		1 414	-		
	(a) $x^3 - y^3$ (b) x^3			6 (d)	x6 - y 6
(x)	If the sum of two angles				
	(a) Vertical Angles(c) Complementary A) Adjace	_	oles
(xi)	If the vertex and one ar				
(ai)	(a) Vertical Angles) Adjace		
	(c) Complementary A	Angles (d) Supple	ementary An	gles
(xii)	A quadrilateral having	only one pair			
	(a) Rhombus	(b		zoid	
	(c) Rectangle	(d		elogram	11. 1
(xiii)	In a right angle triangle		Charles and the second		anea
	(a) Perpendicular (c) Altitude	(4	Hypot Base		660
(xiv)	The point through whice	h hisectors of	angles of a	trianele na	
(MI)	(a) Incenter(b) Or	thocenter (c	L Centr	O S DE	None of these
(xv)		-4	11011111	1600	710110 07 11100
(181)	(a) 30° CM	200	1100	60° (d)	90°
(xvi)	Sin30° = cos of Till	MKI	(4)		
(ex 1 h)	(a) man (a)	450	(c)	60° (d)	None of these
(xvii)	(a) (b) A line which intersect a	circl at one a	nd only one	point is cal	led of the
-	circle.				
	(a) Radial segment(b) Secant	(c)	Semi - circ	ele
	(d) Tangent			WALL BOY	
(xviii)	If a, b and c are in conti	100	tion, ten		
	(a) $ab = c^2$ (b)	$a^2 = bc$	(c)	$ac = b^2$	
	(d) None of these				
(xix)	The mean proportion to			11	
,	(a) ± 20 (b)	_		±30 (d)	± 40
(X	A series contains values				
	(a) 12 (b)	13	{C}	14 (d)	4.5